



Subject: Research Associate Position at the Free University of Bozen-Bolzano, Italy

**** Research Associate: IT-Support for Processes in Construction ****

The Faculty of Science and Technology of the Free University of Bozen-Bolzano has opened a position as Research Associate until July 2020.

The candidate will work on the multidisciplinary project COCKPiT (Collaborative Construction Process Management -- <http://www.cockpit-project.com>), which is run in collaboration with the Faculty of Computer Science of the university, the Fraunhofer Italia Research Centre and regional companies working in the construction sector.

The project aims at developing methods and technologies to support the project management in construction, implementing automatic functionalities, such as the generation of an optimised schedule from a process model, satisfying constraints on limited space, workforce and shared resources. The resulting solutions will be used on traditional, mobile and touch devices. The tasks of the RA will combine research in techniques for modelling, scheduling and monitoring processes, advancing the state of the art, implementation of the research results and their application to real construction projects. The RA will also contribute to publishing the results and presenting them at workshops and conferences.

The ideal candidate would have a PhD in Computer Science and some experience in system development. We generally consider all applicants with a degree in Computer Science or a related area.

The deadline for the application is the end of October 2018 and the start is foreseen for the beginning of 2019. The working place is Bolzano and the contract is for a full time position until the end of July 2020.

The salary is above the standard salary for the same position in the rest of Italy.

The Free University of Bozen-Bolzano was founded in 1997 as a free, state-recognized university. Most of the teaching and research staff have an international professional background. Recently the university has appeared in top positions in various rankings of academic excellence. Situated in the north of Italy, Bolzano hosts different cultures and languages, mainly Italian, German, and Ladin. It is surrounded by the wonderful Dolomites mountain range, declared UNESCO World Heritage Site in 2009. Bolzano is ranked among the first Italian cities in terms of quality of life.

Interested candidates are invited to contact as soon as possible Prof. Werner Nutt (werner.nutt@unibz.it) or Dr. Elisa Marengo (elisa.marengo@unibz.it) or Dr.-Ing. Patrick Dallasega (patrick.dallasega@unibz.it) on how to apply.